



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBW109-3501-08-115
Job Sheet 176538



Part No: RBW109-3501-08-115

Job Qty: 1 ea

Part Name: Adapter, Landing Gear Shockstruts Nitrogen Charge



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/25/18

Job Tracking No:

Due Date: 5/3/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG RBW109-3501-08-115 Rev 3 IPP Rev A 18.02.14 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	1 pcs		5/3/18	0.00	0.00	Purchasing		AT 18/04/27
110	Packaging	1 pcs		5/3/18	0.00	0.00	Packaging2		AT 18/04/27
120	QC	1 pcs		5/3/18	0.00	0.00	QC6		38
130	Packaging	1 pcs		5/3/18	0.00	0.00	Packaging3		APR 30 2018
140	QC21-FG	1 Ea		5/3/18	0.00	0.00	QC21		GA106

Part Op 100 - Issue P/O: 3949 MANUFACTURE RBW109-3501-08-115 AS PER DWG Supplier: METEC ***NOTE***

Descriptions: Ensure solder joint is clean of all debris. Soldered joint must hold 1500psi of nitrogen charge. Certificate of conformity is required

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBW109-3501-08-115P	Adapter, Landing Gear Shockstruts Nitrogen Charge	1 Ea (1 ea)	100-Purchasing	5066301

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBW109-3501-08-115P	1	0	0

Part Specifications

Specifications could not be found.

Plex 4/25/18 2:18 PM dart.lacelle.linda



Dart Aerospace Ltd.

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA

TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S066302



Adapter, Landing Gear Shockstruts Nitrogen Change

PART NO: RBW109 - 3501 - 08 - 115

Serial No/Batch: S066302

Revision:

Operation:

Change No:

Packaging

Mfg Date: 04/27/18

Job No: 176538



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PURCHASE ORDER **PO039419**

Supplier: WEJ001-VC
Wejay Machine Products Co. Ltd
600 O'Connor Drive
Kingston
ON
K7P 1N3 Canada
Phone: 613-384-1662
Fax: 613-384-2997

PO No: PO039419

PO Date: 3/23/18

Due Date: 5/2/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
MAR 28 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments: quotation no. wj-9913

Items

Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	RBW109-3501-08-115P			Adapter, Landing Gear Shockstruts Nitrogen Change As Per Dwg RBW109-3501-08-115 Rev. 3	Firmed	5/2/18	3 Ea	2x 0 Ea 18	3 Ea	\$498.00/Ea	\$1,494.00

DAE
38
9-89

Line Item Note job no. 174832

Grand Total: \$1,494.00

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 3/28/18 12:58 PM dart.lavoie.chantal



600 O'CONNOR DRIVE, KINGSTON, ONTARIO K7P 1N3

PHONE: (613) 384-1662

FAX: (613) 384-2997

CERTIFICATE OF COMPLIANCE

CUSTOMER: Dart Aerospace		DATE: April 26, 2018	
		P.O.# 039419	
		WEJAY JOB# 39059	
I hereby certify that the following material has been inspected/tested and conforms to the requirements and specifications as stated in your contract and as noted below.			
PART NO.	QTY.	PROCESS (ES)	SPECIFICATION / REV
RBW109-3501-08-115 'Adapter ass'y, Landing Gear Shockstruts, Nitrogen Charge'	3	Machined/ Fabricated complete per drawing req'ts.	RBW109-3501-08-11 Rev. 3
Note: For part# -5 (316 S.S.), Material Test Cert attached - ref. 'Crystal Palace' Heat# 11M201 (TN#34007-1). - rel. part# -7 &-7A, Manufacturer C of C attached - ref. 'Haltec Corp. Order# 12776 (TN# 34010-2). - rel. part# -3, McMaster Carr Spec. Sheet attached (Wejay TN# 34009-1).			

Records of Inspection/Test will be retained for 5 years minimum.

Sincerely,

Clifford Smith
Authorized Q.A. Signatory

TN 34007-1
Job # 35059
rec'd apt 3/18



CRYSTAL PALACE

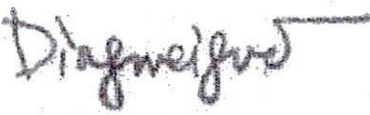
SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

MATERIAL TEST CERTIFICATE

ISO9001:2008 ; PED Material CERTIFICATE (No.: QAC0021058/A)

DATE OF ISSUE: 2017/09/04

CUSTOMER: TIAN JIN SHENGGONG INTERNATIONAL CO., LTD							CERTIFICATE NO.: 2017-5-8-18					
P.O.NO.: SC-17044/92678							ORDER NO.: 2017-05-008					
COMMODITY: STAINLESS STEEL SEAMLESS TUBING							GRADE: ASTM A213-13 TP316/316L					
CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END / OD POLISHED 320 GRIT.							HEAT NO.: 11M201					
CHEMICAL CONTENTS (WT%)												
ELEMENTS		C	Mn	P	S	Si	Ni	Cr	Mo			
SPECIFICATION		≤ 0.035	≤ 2.00	≤ 0.045	≤ 0.030	≤ 1.00	10.0~14.0	16.0~18.0	2.00~3.00			
RESULTS (LADLE)		0.022	0.90	0.033	0.001	0.40	10.10	16.18	2.14			
PHYSICAL PROPERTIES												
Dimensions			Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa) ≥ 205	TS (Mpa) ≥ 515	EL (%) ≥ 35	FLARING TEST	FLATTENING TEST	HARDNESS HRB ≤ 80	EDDY CURRENT TEST TO ASTM E426 (100%)
O.D (inch)	W.T (inch)	Length (feet)										
1/4	0.020	20	G17-5-116	100	45	355	620	54.0	OK	OK	77	OK
3/8	0.035	20	G17-5-153	2500	2933	335	665	63.0	OK	OK	77	OK
3/8	0.120	20	G17-8-27	25	75	280	585	61.5	OK	OK	74	OK
REMARKS:						1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT						
AS PER A/SA-213-13 A-269-13						2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.						
IN COMPLIANCE TO NACE MR0175-2015/ISO 15156						SHANGHAI CRYSTAL PALACE PIPE CO., LTD						
SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min						 MANAGER OF QUALITY ASSURANCE DEPARTMENT / DING WEI-GUO						
NO WELD REPAIR WAS PERFORMED												
FREE FROM MERCURY CONTAMINATION												
FREE FROM RADIATION CONTAMINATION												
IC TESTING ACCORDANCE TO ASTM A262 E - SATISFACTORY Reference Discontinuity - HOLES												
COUNTRY OF ORIGIN: CHINA												
PMI TESTING DONE.												
MATERIAL TEST CERTIFICATE TO EN 10204/3.1												
IN COMPLIANCE TO NACE MR0103-2007												

REF: DART AEROSPACE PO# 39419

DRAWING# RBW109-3501-08-115-5

MTR: REF# T24918 - Line# 5 - Stock Code: 316LTS0375120 - Heat# 11M201 - Ship# 2 - PO# 0000034007

REL 3

PART NAME: ADAPTOR, L/G SHOCK STRUTS NITROGEN CHARGE.



CERTIFICATE OF COMPLIANCE

(Exhibit H)

DATE: JANUARY 26, 2018

VENDOR: Haltec Corporation

P. O. Box 1180
32585 North Price RD
Salem, OH 44460

CUSTOMER: M.L. BERNIE CO

GARDENA, CA

Cust. Order # 12776

P/O Date: 01-24-18

Sales Order No. 482025

PART NO.	HALTEC PART	QUANTITY	DRAWING NO.	REV.
H-6116B	H-6116B	300	H-6116B	

ADDITIONAL COMMENTS:

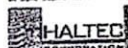
HALTEC CORPORATION'S QUALITY SYSTEM
IS APPROVED TO ISO-9001-2008 w/design

Reg # 99.053.2

We certify that the above listed products were shipped on the above listed P.O. reference in conformance to specifications and referenced drawings as listed in the table above.

Brian L Bostick

Brian L. Bostick
Manager of Quality Assurance
Six Sigma BB
HALTEC CORPORATION



REF: DART AEROSPACE PO #39419

DRAWING # RBW 109-3501-08-115 REV.3

PART # -7 AND -7A

TN34010-2
Job # 39059
rec'd Apr. 3/18

McMASTER-CARR®

Plug for 1/4" Tube OD 37 Degree Flared Fitting for Stainless Steel Tubing

\$6.92 Each
50715K522

For Use With	Air, Isopropyl Alcohol, Natural Gas, Phosphoric Acid, Water
Shape	Cap/Plug
Type	Plug
Tube Connection	
Type	37° Flared
For Tube OD	1/4"
Thread Size	7/16"-20
Thread Type	UNF
Gender	Male
Material	316 Stainless Steel
Maximum Pressure	Not Rated
Maximum Vacuum	Not Rated
Temperature Range	-420° to 1200° F
For Tube	
Material	304 Stainless Steel, 316 Stainless Steel
Fabrication	Welded, Seamless
Specifications Met	ASTM A213, ASTM A249, ASTM A269
Specifications Met	ISO 8434, JIC, SAE J514
RoHS	Compliant

Achieve a tight metal-to-metal seal with these flared fittings. Also known as JIC (Joint Industrial Council) fittings, they connect to tubing that has been flared to 37°. Fittings are 316 stainless steel for excellent corrosion resistance.

Fittings without swivel nut require a nut and a sleeve (ferrule) for each tube end.

6.92

REF. DART AEROSPACE P.O.#39419
DRAWING #RBW109-3501-08-115 REV.3
PART #3

TN#34009-1